

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently amended) An electric insulation device (11, 12, 13, 14) of an air conditioner divided into an indoor unit (2) and an outdoor unit (3), the electric insulation device (11, 12, 13, 14) serving to electrically insulate connection lines (4, 5) that connect refrigerant lines (2a, 2b) of the indoor unit (2) with refrigerant lines (2a, 3b) of the outdoor unit (3) and circulate refrigerant, from the refrigerant lines (2a, 2b) of the indoor unit (2) or the refrigerant lines (3a, 3b) of the outdoor unit (3), the electric insulation device (11, 12, 13, 14) comprising:

a refrigerant line connection portion (21) that is installed on an exterior of the indoor unit (2) and the outdoor unit (3), and connected respectively to the refrigerant line (2a, 2b) of the indoor unit (2) and the refrigerant line (3a, 3b) of the outdoor unit (3);

a connection line connection portion (22) that is connected to the connection line (4, 5); and

an insulation portion (23) that can both electrically insulate the refrigerant line connection portion (21) and the connection line connection portion (22), and circulate refrigerant.

2. (Currently amended) The electric insulation device (11, 12, 13, 14) of an air conditioner disclosed in claim 1, wherein

a terminal portion (24) on which an electric connection line (2e, 2d, 3e, 3d) is mounted in order to transmit electric signals from the indoor unit (2) and the outdoor

unit (3) to the connection lines (4, 5) is arranged between the connection line connection portion (22) and the insulation portion (23).

3. (Currently amended) An air conditioner, comprising:
an indoor unit (2);
an outdoor unit (3);
connection lines (4, 5) that connect refrigerant lines (2a, 2b) of the indoor unit (2) and refrigerant lines (3a, 3b) of the outdoor unit (3), and circulate refrigerant; and
electric insulation devices (11, 12, 13, 14) disclosed in ~~claims~~ claim 1 or 2 that are respectively arranged between the refrigerant lines (2a, 2b) and the connection lines (4, 5) of the indoor unit (2), and between the refrigerant lines (3a, 3b) and the connection lines (4, 5) of the outdoor unit (3).

4. (New) An air conditioner, comprising:
an indoor unit;
an outdoor unit;
connection lines that connect refrigerant lines of the indoor unit and refrigerant lines of the outdoor unit, and circulate refrigerant; and
electric insulation devices disclosed in claim 2 that are respectively arranged between the refrigerant lines and the connection lines of the indoor unit, and between the refrigerant lines and the connection lines of the outdoor unit.